



DESCRIPTION

The Smart Beacon V1.0 is a reserved data transmitter that operates on a 2.4GHz frequency, performs multipoint communications in Low Energy mode for monitoring, tracking and personnel control applications.

BENEFITS

- Compatibility with SmartLamp, Smart Vehicle Tag, Vehicle Tag, Collision Avoidance and Flare.
- Allows tracking and monitoring of personnel inside mine.
- Compatible with RTLS platforms.
- Bluetooth 5.0 Low Energy.
- Updates and configurations through Over The Air (OTA)
- Release traffic in dispatch center.
- Detection range from 30 to 200 meters.
- They can be preconfigured to indicate Risk Areas to Vehicle Tags via Bluetooth.

SMART BEACON V1.0 TECHNICAL SPECIFICATIONS

OPERATING VOLTAGE	3.3V
POWER CONSUMPTION	<100 uA
USED TECHNOLOGY	BLUETOOTH 5.0 LOW ENERGY
PROTECTION DEGREE FOR OUTDOORS	IP67
DIMENSIONS L x W x H	58 MM X 36 MM X 25 MM
WEIGHT	40 GR
WARRANTY	1 YEAR
TRANSMISSION POWER (dBm)	Configurable from -40 to 8 dBm
TEMPERATURAE	-40 to 70 °C



SMART BEACON V1.0 MECHANICAL SPECIFICATIONS

CASE MATERIAL	ABS
CASE COLOR	BLACK

PART NUMBERS

Part Number	Description
5.4 SF-SB-A-1.0	Smart Beacon for mining georeference (5.4 SF-SB-GEO-1.0).



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